## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Kevin Allan Doolev

Serial No.: 10/724,148

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Title: Sensorless Control in a Permanent Magnet Machine

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Group Art Unit: 2837

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COMMISSIONER FOR PATENTS, P. O. Box 1450 Alexandria. VA 22313-1450

## RESPONSE TO NON-FINAL OFFICE ACTION

Madam:

This is in response to the Official Communication dated January 18, 2007.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Amendments to the Drawings begin on page 8 of this paper and include attached replacement sheets.

Remarks begin on page 9 of this paper.